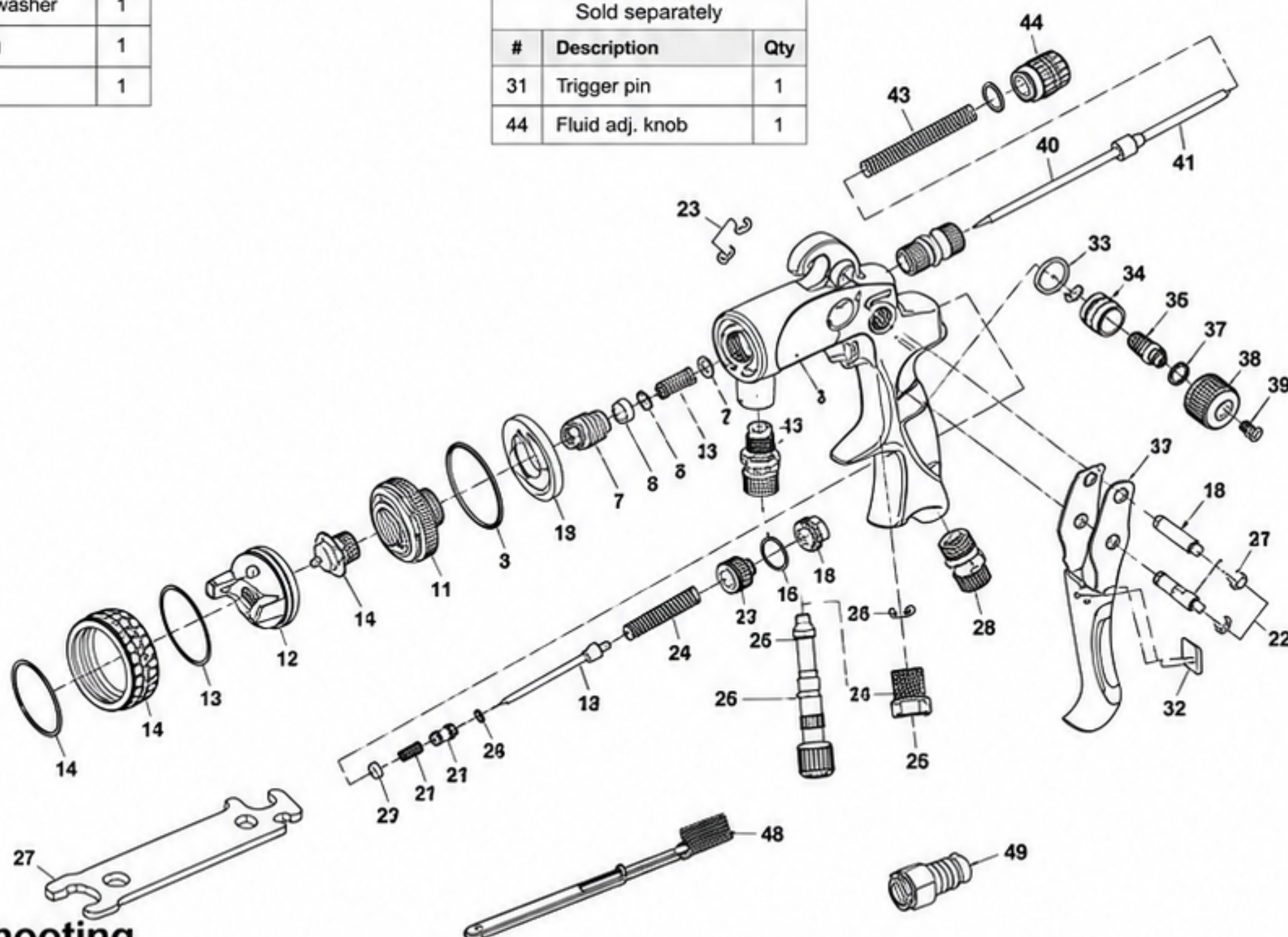


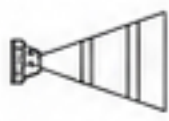
Parts list

Rebuild Kit			Air Control Assy.			Pattern Control Assy.			Nozzle Kit			Air Valve Assy.		
Includes Parts Below			Includes Parts Below			Includes Parts Below			Includes Parts Below			Includes Parts Below		
#	Description	Qty	#	Description	Qty	#	Description	Qty	#	Description	Qty	#	Description	Qty
1	Rear spring washer	1	23	Circlip 5	1	33	Washer	1	10	Fluid nozzle	1	15	Nut	1
2	Needle packing spring	1	24	Air adjusting valve body	1	34	Circlip 4	1	11	Air cap	1	16	Seal	1
3	Front spring washer	1	25	Air adjusting knob	1	35	Pattern adjusting valve body	1	12	Slip ring	1	17	Air valve spring seal	1
4	Needle packing	1	26	Air adjusting knob seal	1	36	Pattern adjusting valve spindle	1	13	Lock ring	1	18	Air valve spring	1
5	Air separator	1				37	Pattern adjusting valve seal	1	14	Air cap retaining ring	1	19	Air valve spindle	1
6	Spray head seal	1				38	Pattern adjusting knob	1	41	Fluid needle	1	20	Rear air valve seal	1
7	Spray head	1				39	Screw	1				21	Air valve	1
8	Circlip 5	5										22	Air valve packing	1
28	Trigger pivot washer	1												
42	Needle spring	1												
43	Spring pad	1												

Other Parts		
Sold separately		
#	Description	Qty
31	Trigger pin	1
44	Fluid adj. knob	1



Troubleshooting

Spray pattern	Problems	Remedies
 Fluttering	1. Air enters between fluid nozzle and nozzle seat. 2. Air enters between air separator and gun body. 3. Air is drawn from fluid needle packing set. 4. Air enters at fluid inlet or fluid hose joint.	1. Remove fluid nozzle to clean seat. If it is damaged, replace nozzle. 2. Remove air separator to clean, if it is damaged, replace air separator. 3. Tighten fluid needle packing nut. 4. Tighten joint section after clean.
 Crescent	Paint build up on air cap partially clogs horn holes. Air pressure from both horns is different.	Remove obstructions from horn holes with attached brush, But do not use metal objects to clean horn holes.
 Inclined	1. Paint build up or damage on fluid nozzle circumference and air cap center. 2. Fluid nozzle is not properly fitted.	1. Clean the paint build up. If it is damaged, replace the damaged part. 2. Remove the nozzle and clean it.
 Split	1. Paint viscosity too low. 2. Fluid output too high.	1. Add paint to increase viscosity. 2. Tighten needle adjusting knob to reduce fluid output. Or turn pattern adjusting knob clockwise.
 Heavy Center	1. Paint viscosity is too high. 2. Fluid output too low.	1. Add thinner to reduce viscosity. 2. Turn needle adjusting knob counter-clockwise to increase fluid output.